



## SEQUENCE LISTING

> Allen, Keith D.  
Leviton, Michael W.

<120> TRANSGENIC MICE CONTAINING TRYPTASE GENE  
DISRUPTIONS

<130> R-372

<140> US 09/900,754  
<141> 2001-07-06

<150> US 60/216,109  
<151> 2000-07-06

<150> US 60/223,172  
<151> 2000-08-07

<150> US 60/244,111  
<151> 2000-10-26

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1  
<211> 1122  
<212> DNA  
<213> Mus musculus

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ccccaggtt ccaaactcgaa aagtcaatac gtggggaggggc atgctccccc agcaggcaca 120  
tggccgtggc aggcttagcct ccgtctgcac aagggtgcacg tgtgtggagg ctccctgctc 180  
agtccagaat gggtgctcac agcagcccac tgcttctctg ggtctgtgaa ctcgtctgat 240  
tatcaggtgc acttgggaga gcttacggtc acactgtctc cccacttctc cactgtaaaa 300  
cgatcatca tgtacactgg ctctccagga ccacccgggtt ccagtgggaa cattgccctg 360  
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<210> 2  
<211> 311  
<212> PRT  
<213> Mus musculus

<400> 2  
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1 5 10 15

Gly Cys Gly His Pro Gln Val Ser Asn Ser Gly Ser Arg Ile Val Gly  
           20                 25                 30  
 Gly His Ala Ala Pro Ala Gly Thr Trp Pro Trp Gln Ala Ser Leu Arg  
           35                 40                 45  
 Leu His Lys Val His Val Cys Gly Gly Ser Leu Leu Ser Pro Glu Trp  
       50                 55                 60  
 Val Leu Thr Ala Ala His Cys Phe Ser Gly Ser Val Asn Ser Ser Asp  
       65                 70                 75                 80  
 Tyr Gln Val His Leu Gly Glu Leu Thr Val Thr Leu Ser Pro His Phe  
       85                 90                 95  
 Ser Thr Val Lys Arg Ile Ile Met Tyr Thr Gly Ser Pro Gly Pro Pro  
       100                 105                 110  
 Gly Ser Ser Gly Asp Ile Ala Leu Val Gln Leu Ser Ser Pro Val Ala  
       115                 120                 125  
 Leu Ser Ser Gln Val Gln Pro Val Cys Leu Pro Glu Ala Ser Ala Asp  
       130                 135                 140  
 Phe Tyr Pro Gly Met Gln Cys Trp Val Thr Gly Trp Gly Tyr Thr Gly  
       145                 150                 155                 160  
 Glu Gly Glu Pro Leu Lys Pro Pro Tyr Asn Leu Gln Glu Ala Lys Val  
       165                 170                 175  
 Ser Val Val Asp Val Lys Thr Cys Ser Gln Ala Tyr Asn Ser Pro Asn  
       180                 185                 190  
 Gly Ser Leu Ile Gln Pro Asp Met Leu Cys Ala Arg Gly Pro Gly Asp  
       195                 200                 205  
 Ala Cys Gln Asp Asp Ser Gly Gly Pro Leu Val Cys Gln Val Ala Gly  
       210                 215                 220  
 Thr Trp Gln Gln Ala Gly Val Val Ser Trp Gly Glu Gly Cys Gly Arg  
       225                 230                 235                 240  
 Pro Asp Arg Pro Gly Val Tyr Ala Arg Val Thr Ala Tyr Val Asn Trp  
       245                 250                 255  
 Ile His His His Ile Pro Glu Ala Gly Gly Ser Gly Met Gln Gly Leu  
       260                 265                 270  
 Pro Trp Ala Pro Leu Leu Ala Ala Leu Phe Trp Pro Ser Leu Phe Leu  
       275                 280                 285  
 Leu Leu Val Ser Gly Val Leu Met Ala Lys Tyr Trp Leu Ser Ser Pro  
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 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Targeting Vector

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 gtcgaatcgt gggagggcat gctccccag caggcacatg gccgtggcag gctagcctcc 180  
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<210> 4  
 <211> 200  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Targeting Vector

<400> 4

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gtgcctccca gaggcctcag ctgacttcta ccctgggatg cagtgctggg tgactggctg 180  
gggctataaca ggggagggag 200